



#12

SEQUENCE LISTING

<110> UNIVERSITY OF CINCINNATI et al

<120> ANTIOXIDANT PEPTIDES

<130> 10738-17 PCT

<140> US 09/623,006

<141> 2000-08-24

<150> PCT/US99/06580

<151> 1999-03-25

<150> US 60/080,131

<151> 1998-03-31

<160> 13

<170> PatentIn Ver. 2.1

<210> 1

<211> 30

<212> PRT

<213> Apolipoprotein A-IV

<400> 1

Met Phe Leu Lys Ala Val Val Leu Thr Val Ala Leu Val Ala Ile Thr

1

5

10

15

Gly Thr Gln Ala Glu Val Thr Ser Asp Gln Val Ala Asn Val

20

25

30



<210> 2

<211> 84

<212> PRT

<213> Apolipoprotein A-IV

<400> 2

Met Asp Tyr Phe Thr Gln Leu Ser Asn Asn Ala Lys Glu Ala Val

1 5 10 15

Glu Gln Leu Gln Lys Thr Asp Val Thr Gln Gln Leu Asn Thr Leu Phe

20 25 30

Gln Asp Lys Leu Gly Asn Ile Asn Thr Tyr Ala Asp Asp Leu Gln Asn

35 40 45

Lys Leu Val Pro Phe Ala Val Gln Leu Ser Gly His Leu Thr Lys Glu

50 55 60

Thr Glu Arg Val Arg Glu Glu Ile Gln Lys Glu Leu Glu Asp Leu Arg

65 70 75 80

Ala Met Val Ile

<210> 3

<211> 10

<212> PRT

<213> Apolipoprotein A-IV

<400> 3



Met Leu Pro His Ala Asn Lys Val Ser Gln

1 5 10

<210> 4

<211> 30

<212> PRT

<213> Apolipoprotein A-IV

<400> 4

Met Phe Gly Asp Asn Val Gln Lys Leu Gln Glu His Leu Arg Pro Tyr

1 5 10 15

Ala Thr Asp Leu Gln Ala Gln Ile Asn Ala Gln Thr Gln Asp

20 25 30

<210> 5

<211> 11

<212> PRT

<213> Apolipoprotein A-IV

<400> 5

Met Lys Arg Gln Leu Thr Pro Tyr Ile Gln Arg

1 5 10

<210> 6

<211> 15

<212> PRT



<213> Apolipoprotein A-IV

<400> 6

Met Gln Thr Thr Ile Gln Asp Asn Val Glu Asn Leu Gln Ser Ser

1 5 10 15

<210> 7

<211> 15

<212> PRT

<213> Apolipoprotein A-IV

<400> 7

Met Val Pro Phe Ala Asn Glu Leu Lys Glu Lys Phe Asn Gln Asn

1 5 10 15

<210> 8

<211> 45

<212> PRT

<213> Apolipoprotein A-IV

<400> 8

Met Glu Gly Leu Lys Gly Gln Leu Thr Pro Arg Ala Asn Glu Leu Lys

1 5 10 15

Ala Thr Ile Asp Gln Asn Leu Glu Asp Leu Arg Ser Arg Leu Ala Pro

20 25 30

Leu Ala Glu Gly Val Gln Glu Lys Leu Asn Ile His Gln

35 40 45



<210> 9

<211> 7

<212> PRT

<213> Apolipoprotein A-IV

<400> 9

Met Glu Gly Leu Ala Phe Gln

1

5

<210> 10

<211> 71

<212> PRT

<213> Apolipoprotein A-IV

<400> 10

Met Lys Lys Asn Ala Glu Glu Leu His Thr Lys Val Ser Thr Asn Ile

1

5

10

15

Asp Gln Leu Gln Lys Asn Leu Ala Pro Leu Val Glu Asp Val Gln Ser

20

25

30

Lys Leu Lys Gly Asn Thr Glu Gly Leu Gln Lys Ser Leu Glu Asp Leu

35

40

45

Asn Lys Gln Leu Asp Gln Gln Val Glu Val Phe Arg Arg Ala Val Glu

50

55

60

Pro Leu Gly Asp Lys Phe Asn

65

70



<210> 11

<211> 6

<212> PRT

<213> Apolipoprotein A-IV

<400> 11

Met Ala Leu Val Gln Gln

1 5

<210> 12

<211> 33

<212> PRT

<213> Apolipoprotein A-IV

<400> 12

Met Glu Lys Phe Arg Gln Gln Leu Gly Ser Asp Ser Gly Asp Val Glu

1 5 10 15

Ser His Leu Ser Phe Leu Glu Lys Asn Leu Arg Glu Lys Val Ser Ser

20 25 30

Phe

<210> 13



<211> 37

<212> PRT

<213> Apolipoprotein A-IV

<400> 13

Met Ser Thr Leu Gln Lys Lys Gly Ser Pro Asp Gln Pro Leu Ala Leu

1 5 10 15

Pro Leu Pro Glu Gln Val Gln Glu Gln Val Gln Glu Gln Val Gln Pro

20 25 30

Lys Pro Leu Glu Ser

35